

## EFFICIENT BROADCASTING OVER A FULLY CONNECTED NETWORK

### ABSTRACT

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This invention provides a method, system and computer program product for reducing transmission time and improving network utilization while broadcasting over a fully connected network, wherein it comprises simultaneous transmission of individual sequential packets by the broadcaster to each recipient in a round robin sequence until all the packets have been transmitted, retransmission of received packets by each recipients to each other recipient, and reassembly of received packets at each recipient in the original sequence of said transmission. The said transmission and said retransmission are overlapped in time.

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